

GLASGOW NEURO

Neurosurgery/Neurology/Clinical Neuroscience/
Neurophysiology/Interventional Neuroradiology

13TH INTERNATIONAL NEURO CONFERENCE

ROYAL COLLEGE OF PHYSICIANS AND SURGEONS GLASGOW



medac
PHARMA





WELCOME



It is with great pleasure that I welcome you to the 13th Anniversary Glasgow Neuro International Conference.

Building on the successes of previous years, our committee has once again secured an outstanding line-up of speakers from across the globe, including world-leading clinicians and academics from Harvard, Stanford, and Toronto.

This year promises to be our biggest yet, with inspiring talks covering the fields of neuroscience, neurology, and neurosurgery.

We are also delighted to be offering interactive workshops, giving delegates the opportunity to develop skills in a safe and supportive environment. These sessions are designed to encourage hands-on learning, spark curiosity, and foster collaboration.

We extend our sincere thanks to the neurosurgical and neurological faculty from the Institute of Neurosciences in Glasgow for their continued support, and to our honorary presidents, Mr Calan Mathieson and Dr Xuya Huang, for their invaluable guidance and encouragement throughout the year.

Finally, on behalf of the entire Glasgow Neuro committee, thank you for joining us today. We hope this event will not only deepen your understanding of the neurosciences but also inspire you to pursue your own ambitions within this exciting and ever-evolving field.

Please remember to complete the post-conference evaluation form to receive your certificate of attendance.

Reza Tahmid
BSc (Hons)
Glasgow Neuro President 2025/26

13TH ANNUAL NEURO CONFERENCE

Programme

08:30 – 09:00

REGISTRATION

09:00 – 09:10

WELCOME AND INTRODUCTIONS

09:10 – 09:50

PROFESSOR LINDA BI

Defining Possible

09:50 – 10:30

PROFESSOR ALEX GOLBY

Wayposts on an academic neurosurgery journey

10:30 – 10:45

**BREAK - POSTER AND SPONSORS
EXHIBITION**

10:45 – 11:30

PROFESSOR JEREMY HEIT

A journey through a neurointerventional career

11:30 – 12:15

**LUNCH - POSTER AND SPONSORS
EXHIBITION**

12:15 – 15:35

WORKSHOPS

Workshop 1 – Bone flap fixation & Burr Hole

Workshop 2 – CV Clinic & Q&A panel

Workshop 3 – Spine pedicle screw placement

Workshop 4 – Nerve Conduction Studies

Workshop 5 – Interventional Neuroradiology

15:35 – 15:45

**BREAK - POSTER AND SPONSORS
EXHIBITION**

15:45 – 16:25

DR MARIE SLEGR

The Evolution of Neurology: From Charcot to 2025

16:25 – 17:10

PROFESSOR ANDRES LOZANO

Future applications in Functional Neurosurgery

17:10 – 17:30

**CLOSING REMARKS AND
PRIZES**

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PROFESSOR ANDRES LOZANO

OC, MD, PhD, FRCSC, FRSC, FCAHS

**ALAN & SUSAN HUDSON CORNERSTONE CHAIR &
PROFESSOR OF NEUROSURGERY, UNIVERSITY OF TORONTO**

Future applications in Functional Neurosurgery

Dr. Lozano is a functional neurosurgeon and past Chairman of Neurosurgery at the University of Toronto. He holds the Alan & Susan Hudson Cornerstone Chair in Neurosurgery at University Health Network.

He is best known for his work in Deep Brain Stimulation and Focused Ultrasound. His team has mapped cortical/subcortical circuits in the brain and advanced novel therapies for dystonia, Parkinson's disease, depression, Alzheimer's disease and other disorders.

Dr. Lozano has over 870 publications and is the most highly cited neurosurgeon in the world (Clarivate). Dr. Lozano has received a number of honors including the Olivecrona Medal, Salk Award, Dandy Medal and Segerfalk Award and been elected to the Royal Society of Canada, Order of Spain and as an Officer of the Order of Canada. He is most proud of the MD/PhD students and fellows he has mentored, who have gone on to become international leaders in their field.

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PROFESSOR ALEX GOLBY

MD

**PROFESSOR OF NEUROSURGERY AND RADIOLOGY, HARVARD
MEDICAL SCHOOL**

Wayposts on an academic neurosurgery journey

Dr. Alexandra Golby is a Neurosurgeon and Haley Distinguished Chair in the Neurosciences at Brigham and Women's Hospital, Boston, and a Professor of Neurosurgery and Radiology at Harvard Medical School. She directs the Golby Lab, a surgical brain mapping laboratory, and specializes in brain surgery for tumors and epilepsy near critical brain structures. Her research focuses on advanced imaging and image-guided surgery to improve presurgical planning and intraoperative decision-making. She collaborates widely across disciplines and is dedicated to mentoring young clinicians and scientists worldwide.

A Fulbright Global Scholar, Dr. Golby has worked in Rwanda and Morocco to foster collaborations between clinicians and technical experts to develop innovative medical technologies suited to local needs. She earned her BA from Yale and MD from Stanford, and completed her neurosurgery residency at Brigham and Women's Hospital.

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PROFESSOR JEREMY HEIT

MD, PhD

**ASSOCIATE PROFESSOR OF RADIOLOGY AND NEUROSURGERY,
STANFORD UNIVERSITY**

A journey through a neurointerventional career

Dr. Jeremy Heit is an Associate Professor of Radiology and of Neurosurgery and the Chief of Neuroimaging and Neurointervention at Stanford University. Dr. Jeremy Heit is a neurointerventional surgeon (neurointerventional radiologist) who specializes in treating stroke, brain aneurysms, brain arteriovenous malformations, brain and spinal dural arteriovenous fistulae, carotid artery stenosis, vertebral body compression fractures, and congenital vascular malformations. Dr. Heit treats all of these conditions using minimally-invasive, image-guided procedures and state-of-the-art technology.

Dr. Heit's research seeks to understand the genetic, developmental, and pathophysiologic basis of cerebrovascular disease. In addition, his group is developing new minimally invasive, image-guided treatments for ischemic and hemorrhagic stroke. He has authored over 150 publications and is an investigator on multiple grants, including the CRISP 2 and DEFUSE 3 studies. He is the co-PI of the NIH-funded PRECISE basilar thrombectomy study.

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PROFESSOR WENYA LINDA BI

MD, PhD

PROFESSOR OF NEUROSURGERY, HARVARD MEDICAL SCHOOL

Defining Possible

Dr. Bi is a neurosurgeon in the Center for Skull Base and Pituitary Surgery, Department of Neurosurgery at Brigham and Women's Hospital. She completed her training and fellowships in Skull Base Surgery at the Brigham and Women's Hospital and the Dana-Farber Cancer Institute. Dr. Bi's clinical practice is focused on the care of patients with brain tumor and skull base pathologies. She is committed to integrating advanced surgical techniques with a comprehensive multi-disciplinary approach to optimize patient outcomes. In addition to her expertise in open and endoscopic skull base surgery, she leads a research team focused on the translational biology of skull base and brain tumors, including meningiomas, pituitary tumors, and vestibular schwannomas.



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DR MARIE SLEGR MD

NEUROLOGIST, HEADACHE & MIGRAINE SPECIALIST

The Evolution of Neurology: From Charcot to 2025

I obtained my medical degree from University of Ottawa followed by training in Internal Medicine. I then pursued a Neurology residency at McGill University in Montreal. I practiced General Adult Neurology in a community setting, first at a busy hospital, (Centenary Health Centre), in Toronto, and later an office-based practice for more than 3 decades. Although I saw and cared for patients across the full spectrum of Neurological problems, in later years I developed a focus in headache and migraine.



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MR ANDREAS DEMETRIADES

CONSULTANT NEUROSURGEON AT THE ROYAL INFIRMARY OF THE UNIVERSITY OF EDINBURGH

Workshop consultant

Mr. Andreas Demetriades is a Consultant Neurosurgeon at the University of Edinburgh's Royal Infirmary with specialist interests in skull base and complex spine surgery. After completing his medical degree at the University of Cambridge, he undertook neurosurgical training across leading centres in London, including Guy's, St. Thomas', Queen Square, King's College Hospital, and St. George's (Atkinson Morley's).

His exceptional commitment to advancing neurosurgery led him to complete fellowships in Skull Base Surgery at Keio University, Tokyo, and in Complex Spine Surgery at the Technical University Hospital in Munich and the University of Oxford.

Within the European Association of Neurosurgical Societies (EANS), he has held key leadership roles, including Secretary, Chair of the Young Neurosurgeons' and Individual Membership Committees, and notably President from 2021 to 2023. His primary research interests include outcome studies in clinical neurosurgery, focusing on traumatic brain and spinal trauma, polytrauma, trigeminal neuralgia, complex spine surgery, and the history of neuroscience, reflecting his dedication to advancing patient care and knowledge in his field.

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DR WAZIM IZZATH

CONSULTANT INTERVENTIONAL NEUROLOGIST AT THE INSTITUTE OF NEUROLOGICAL SCIENCES

Workshop consultant

Dr. Wazim Izzath is a Consultant Interventional Neuroradiologist based in Glasgow, with training in both Glasgow and Oxford. Since his appointment in 2018, Dr. Izzath has developed extensive expertise in advanced neurovascular imaging, acute stroke intervention, and the minimally invasive treatment of complex cerebrovascular conditions. His clinical interests include the management of aneurysms, arteriovenous fistulas, and cerebral venous disorders such as idiopathic intracranial hypertension.

Passionate about education and innovation, Dr. Izzath actively contributes to training the next generation of clinicians and advancing the field of interventional neuroradiology through teaching, research, and clinical excellence.

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DR SAUL CRANDON

NEUROPHYSIOLOGY SPECIALTY REGISTER AT INS GLASGOW

Workshop lead

Dr. Crandon is a Specialty Registrar in Clinical Neurophysiology at the Institute of Neurological Sciences and an Honorary Clinical Lecturer at the University of Glasgow.

He obtained his MBChB from the University of Liverpool, alongside an intercalated Masters of Research in Medicine from the University of Leeds. After completing the Academic Foundation Programme in Oxford and Internal Medical Training in Scotland, Dr. Crandon gained valuable international experience working in General Medicine and Brain Injury Rehabilitation in Australia. He achieved his MRCP in 2022.

Dr. Crandon currently serves as President of the Association of Trainees in Clinical Neurophysiology (ATCN), where he plays a leading role in promoting trainee development, national collaboration, and excellence within the field.

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OUR ST1/ST2 TEAM



DR CONOR GILLESPIE
ST2



DR EMILY BOYD
ST1



DR BILAL BENZAHIA
ST1



DR MOHAMMAD ASHRAF
ST1

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OUR ST1/ST2 TEAM



DR VICTORIA COLLINS
ST1



DR DEVIKA DAHIYA
ST1



DR AWS AL-OMARI
ST1



DR ROBERT VARDANYAN
ST1



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WORKSHOPS

CRANIOTOMY AND BURR HOLE

Hosted by KLS Martin Group

Embark on a transformative learning experience with our Craniotomy and Burr Hole Workshop, where medical professionals delve into the intricacies of neurosurgical procedures. This hands-on workshop combines theoretical knowledge with practical skills, offering participants a unique opportunity to master the art of craniotomy and burr hole techniques. Guided by experts in the field, attendees will gain insights into the latest advancements in neurosurgery, fostering a deeper understanding of patient care and surgical precision. Elevate your expertise and surgical proficiency in this immersive workshop, shaping the future of neurosurgical excellence.



SPINE PEDICLE SCREWS

Embark on a journey into the intricate world of spinal surgery with our Spine Pedicle Screw Placement Workshop. Tailored for medical professionals seeking mastery in advanced spine procedures, this immersive workshop combines cutting-edge knowledge with hands-on training. Led by accomplished experts in spinal surgery, participants will explore the nuances of pedicle screw placement through interactive sessions. This workshop offers a unique opportunity to refine skills, ensuring precision in spinal instrumentation and enhancing outcomes for patients.



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WORKSHOPS

NERVE CONDUCTION STUDIES

This interactive hands-on workshop offers an overview of some of the common tests performed in clinical neurophysiology focusing on its practical applications and clinical relevance. Participants will be able to deepen their understanding of the nervous system through a live demonstration of routine sensory and motor nerve conduction studies of the upper limb. This will allow participants to understand how nerve conduction studies are used to assess nerve function and support clinical diagnosis and patient care.

CV WORKSHOP

We are delighted to announce that, for the very first time in the UK, Glasgow Neuro will be hosting a Neurosurgery National Selection CV Clinic. This unique event offers aspiring neurosurgery applicants the opportunity to receive personalised 1:1 CV guidance and insights directly from recently appointed neurosurgery trainees, making it a landmark workshop designed to help candidates maximise their chances of success in national selection.



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WORKSHOPS

INTERVENTIONAL NEURORADIOLOGY

Join us for an interactive workshop where you'll get hands-on experience in interventional neuroradiology using the Mentice simulator. Learn how specialists treat stroke, aneurysms, and other brain vessel conditions with minimally invasive techniques. This is a unique opportunity to explore neurovascular imaging, try catheter navigation, and gain insight into a cutting-edge field of medicine. No prior experience required – just curiosity and enthusiasm!





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POSTER PRESENTATIONS

Glasgow Neuro are honoured to be supported by *Surgical Neurology International* where our conference proceedings will be published. We would like to express our gratitude to Professor James Ausman (Founder and Emeritus Editor in Chief), Professor Nancy Epstein (Editor-in-Chief), and Mr Jim Cook (Managing Editor) for providing us with this opportunity.

Surgical Neurology International® (SNI) is an open access, Internet-only journal that publishes the latest developments in the field of neurosurgery and related clinical and basic neurosciences. SNI is an independent journal not affiliated with any medical society or organization. SNI is free to neuroscientists as well as to the general public, in the interest of medical education and the advancement of science; as such, its articles can be downloaded by anyone. The highest goal of SNI is to arrive at truth by the scientific method, with integrity in its published scientific research, and by the defense of the interests of patients worldwide. In SNI, the patient-doctor relationship is paramount; patients come first, ahead of third-party payers, ahead of the medical and pharmaceutical industries, and ahead of any interests of the State.



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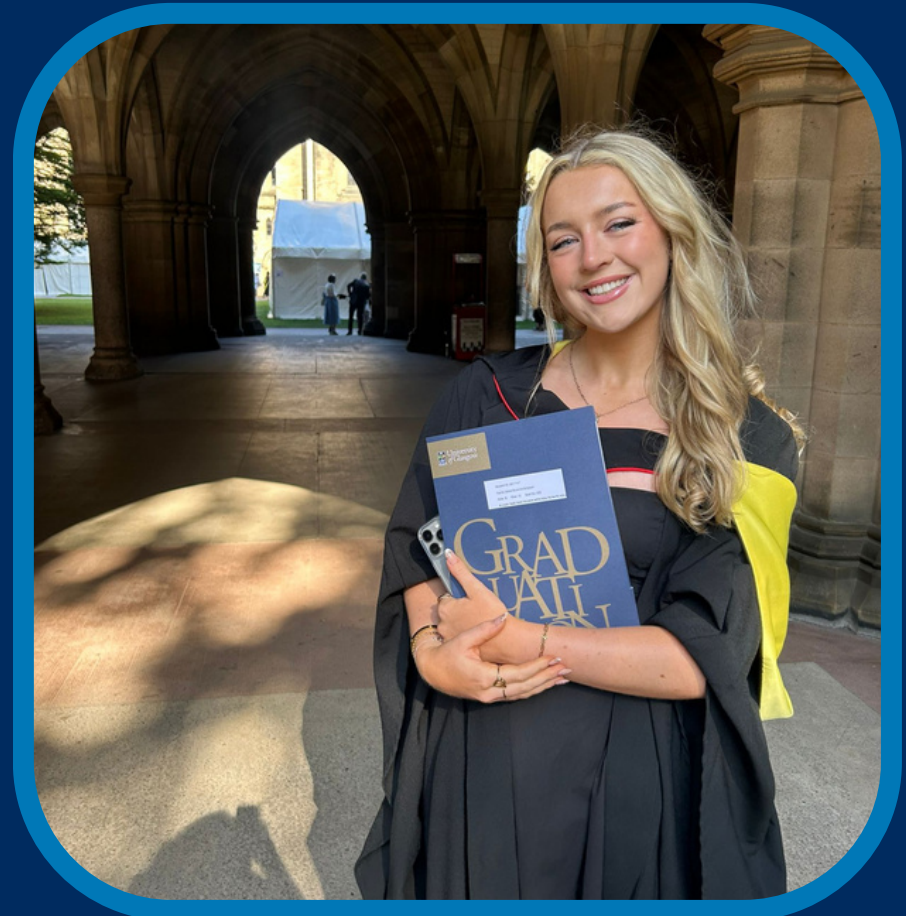
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SECRETARY

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DR XUYA HUANG

Honorary President for Neurology
Consultant Neurologist, Institute of
Neurological Sciences, QEUH, Glasgow, UK



MR CALAN MATHIESON

Honorary President for Neurosurgery
Consultant Neurosurgeon, Institute of
Neurological Sciences, QEUH, Glasgow, UK



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To access the conference evaluation form and receive your **certificate of attendance**, please ensure you complete the conference questionnaire from the QR code above.

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HUGE THANK YOU TO
ALL OUR SPONSORS!



